

COMBINED DECLARATION AND POWER OF ATTORNEY

*(ORIGINAL, DESIGN, NATIONAL STAGE OF PCT, SUPPLEMENTAL, DIVISIONAL,
CONTINUATION OR CIP)*

As a below named inventor, I hereby declare that:

TYPE OF DECLARATION

This declaration is of the following type: (check one applicable item below)

() original (X) substitute
() design
() supplemental

NOTE: If the declaration is for an International Application being filed as a divisional, continuation or continuation-in-part application do not check next item; check appropriate one of last three items.

() national stage of PCT

NOTE: If one of the following 3 items apply then complete and also attach ADDED PAGES FOR DIVISIONAL, CONTINUATION OR CIP.

() divisional
() continuation
(X) continuation-in-part (CIP)

INVENTORSHIP IDENTIFICATION

WARNING: *If the Inventors are each not the Inventors of all the claims an explanation of the facts, including the ownership of all the claims at the time the last claimed invention was made, should be submitted.*

My residence, post office address and citizenship are as stated below next to my name, I believe I am the original, first and sole inventor (*if only one name is listed below*) or an original, first and joint inventor (*if plural names are listed below*) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

TITLE OF INVENTION

BIOLOGICAL DE-INKING METHOD

SPECIFICATION IDENTIFICATION

the specification of which: (complete (a), (b) or (c))

NOTE: *Amendments filed after the original papers are deposited with the PTO which contain new matter are not accorded a filing date by being referred to in the declaration. Accordingly, the amendments involved are those filed with the application papers or, in the case of a supplemental declaration, are those amendments claiming matter not encompassed in the original statement of invention or claims. See 37 C.F.R. §1.67.* (Declaration and Power of Attorney [1-1] - page 1 of 4)

(c) _____ was described and claimed in PCT International Application No. _____ filed on _____ and as amended under PCT Article 19 on _____ (if any).

ACKNOWLEDGEMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations. §1.56(a).

() In compliance with this duty there is attached an information disclosure statement. 37 CFR §1.97.

PRIORITY CLAIM

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

(complete (d) or (e))

(d) () no such applications have been filed.

(e) (X) such applications have been filed as follows.

NOTE: Where item (e) is entered above and the International Application which designated the U.S. claimed priority check item (e), enter the details below and make the priority claim.

**EARLIEST FOREIGN APPLICATION(S), IF ANY FILED WITHIN 12 MONTHS
(6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION**

COUNTRY	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED UNDER 35 USC 119
Korea	6514/1989	16 May 1989	YES

**ALL FOREIGN APPLICATION(S), IF ANY FILED MORE THAN 12 MONTHS
(6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION**

POWER OF ATTORNEY

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. (List name and registration number)

Margaret E. Anderson, Reg. No. 26,828; Walter R. Brookhart, Reg. No. 29,518; C. James Bushman, Reg. No. 24,810; Loren G. Helmreich, Reg. No. 29,389; and William E. Johnson, Jr., Reg. No. 22,719;

() Attached as part of this declaration and power of attorney is the authorization of the above-named attorney(s) to accept and follow instructions from my representative(s).

SEND CORRESPONDENCE TO

DIRECT TELEPHONE CALLS TO: (Name and telephone number)

Walter R. Brookhart
Browning Bushman, Anderson & Brookhart
5718 Westheimer, Suite 1800
Houston, TX 77057

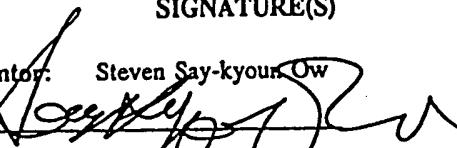
Walter R. Brookhart
(713) 266-5593

DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

SIGNATURE(S)

Full name of sole or first inventor: Steven Say-kyoun Ow

Inventor's signature: 

Date: July 23, 1995 Country of Citizenship: U.S.A.

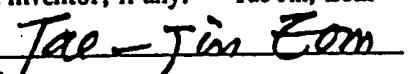
Post office/Address:

103-902 Clover Apartment

Doonsan-Dong, Seo-Ku

Taejeon, Korea

Full name of second joint inventor, if any: Tae Jin, Eom

Inventor's signature: 

Date: Aug. 1, 1995 Country of Citizenship: Republic of Korea

Post office Address:

**CHECK PROPER BOX(ES) FOR ANY OF THE FOLLOWING ADDED PAGE(S) WHICH
FORM A PART OF THIS DECLARATION**

() Signature for third and subsequent joint inventors. Number of pages added ____.

() Signature by administrator(trix), executor(trix) or legal representative for deceased or incapacitated inventor. Number of pages added ____.

() Signature for inventor who refuses to sign or cannot be reached by person authorized under 37 CFR §1.47. Number of pages added ____.

* * *

(x) Added pages to combined declaration and power of attorney for divisional, continuation, or continuation-in-part (CIP) application.

(x) Number of pages added 2.

* * *

() Authorization of attorney(s) to accept and follow instructions from representative.

* * *

If no further pages form a part of this Declaration then end this Declaration with this page and check the following item.

() This declaration ends with this page

ASSIGNMENT

WHEREAS, we, Tae Jin EOM, citizen of the Republic of Korea and residing in the city of Daejonjikhali-shi, Republic of Korea, and Steven Say-kyoun OW, citizen of the United States of America and residing in the State of Georgia, United States of America, have made an invention which is described and claimed in United States Patent Application No. 08/239,313 filed on May 6, 1994 (the '313 application), which is a continuation-in-part of our earlier United States Patent Application No. 07/518,935 filed on May 4, 1990 (the '935 application), both of which are entitled BIOLOGICAL DE-INKING METHOD;

WHEREAS, Korea Research Institute of Chemical Technology, hereinafter referred to as "ASSIGNEE", having a principal place of business at #100, Jang-dong, Usung-ku, Daejonjikhali-shi, Republic of Korea, acquired the entire right, title and interest in the invention and the '935 application and all divisions, continuations, continuations-in-part and substitutions thereof, by virtue of an assignment dated April 19, 1990, and recorded in the United States Patent and Trademark Office on May 4, 1990, at reel 5309, frames 647-648;

WHEREAS ASSIGNEE is desirous of acquiring the same with respect to the '313 application and the invention described and claimed therein;

NOW, THEREFORE, for and in consideration of One Dollar (\$1.00) and for other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged by us, we have assigned, sold, transferred and set over and by these presents do assign, sell, transfer and set over unto said ASSIGNEE the entire right, title and interest in and to (a) said invention and world-wide rights therein, (b) the '313 application, including all divisions, continuations, continuations-in-part and substitutions thereof, and (c) all United States and foreign patents which shall issue on said inventions, including all reissues, renewals and extensions thereof, for the United States, its territories and possessions and all foreign countries, including the right to file applications for Letters Patent on said invention in any and all foreign countries, the same to be held and enjoyed by said ASSIGNEE, its assigns and successors, as fully and entirely as the same would have been held and enjoyed by us, had this assignment and sale not been made.

We covenant and agree that we will, at any time upon the request and at the expense of said ASSIGNEE, execute and deliver any and all papers and do all lawful acts that may be necessary or desirable, in the opinion of said ASSIGNEE, to enable and assist said ASSIGNEE to (a) obtain Letters Patent, both domestic and foreign, on said invention, (b) establish, maintain and secure title in said ASSIGNEE, its successors and assigns, to said invention, application and Letters Patent, including making such title of lawful public record, and (c) defend, establish or otherwise preserve the validity of said Letters Patent against any and all infringers, and perform such other acts as are necessary to give full force and effect to this assignment.

We hereby authorize and request the Commissioner of Patents of the United States to issue all Letters Patent based on said application and all said divisions, continuations, continuations-in-part, reissues, renewals and extension to said ASSIGNEE, its successors and assigns.

IN TESTIMONY WHEREOF, we have duly executed this assignment on the dates opposite our signatures below.

Date: Aug. 1. 1995

Date: July 23, 1995

Tae - Jin Eom
Tae Jin EOM
Steven Say-kyoun OW
Steven Say-kyoun OW

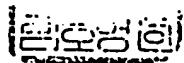
Tae-Gu
Korea

§
§
§

590601-1674014

BEFORE me, the undersigned authority, on this day personally appeared Tae Jin EOM, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN under my hand and seal of office this 1st day of Aug, A.D. 1995.



SEAL

Km, 160-40009
Notary Public in and for

Gwinnett County
Georgia, USA

§
§
§

USA Passport # D91DE

BEFORE me, the undersigned authority, on this day personally appeared Steven Say-kyouk OW, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN under my hand and seal of office this 25th day of July, A.D. 1995.

SEAL

Beverly A. Hartmann
Notary Public in and for
Gwinnett County, GA.

Notary Public, Gwinnett County, Georgia
My Commission Expires May 7, 1999

COMBINED DECLARATION AND POWER OF ATTORNEY

*(ORIGINAL, DESIGN, NATIONAL STAGE OF PCT, SUPPLEMENTAL, DIVISIONAL,
CONTINUATION OR CIP)*

As a below named inventor, I hereby declare that:

TYPE OF DECLARATION

This declaration is of the following type: *(check one applicable item below)*

original
 design
 supplemental

NOTE: If the declaration is for an International Application being filed as a divisional, continuation or continuation-in-part application do not check next item; check appropriate one of last three items.

national stage of PCT

NOTE: If one of the following 3 items apply then complete and also attach ADDED PAGES FOR DIVISIONAL, CONTINUATION OR CIP.

divisional
 continuation
 continuation-in-part (CIP)

INVENTORSHIP IDENTIFICATION

WARNING: *If the inventors are each not the inventors of all the claims an explanation of the facts, including the ownership of all the claims at the time the last claimed invention was made, should be submitted.*

My residence, post office address and citizenship are as stated below next to my name, I believe I am the original, first and sole inventor (*if only one name is listed below*) or an original, first and joint inventor (*if plural names are listed below*) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

TITLE OF INVENTION**BIOLOGICAL DE-INKING METHOD****SPECIFICATION IDENTIFICATION**

the specification of which: *(complete (a), (b) or (c))*

(a) is attached hereto.

(b) was filed on May 6, 1994 as (x) Serial No. 08/239,313 or () Express Mail No. _____, as Serial No. not yet known and was amended on _____ *(if applicable)*.

NOTE: Amendments filed after the original papers are deposited with the PTO which contain new matter are not accorded a filing date by being referred to in the declaration. Accordingly, the amendments involved are those filed with the application papers or, in the case of a supplemental declaration, are those amendments claiming matter not encompassed in the original statement of invention or claims. See 37 C.F.R.

(c) () was described and claimed in PCT International Application No. _____ filed on _____ and as amended under PCT Article 19 on _____ (if any).

ACKNOWLEDGEMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations. §1.56(a).

() In compliance with this duty there is attached an information disclosure statement. 37 CFR §1.97.

PRIORITY CLAIM

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

(complete (d) or (e))

(d) () no such applications have been filed.
(e) (x) such applications have been filed as follows.

NOTE: Where item (c) is entered above and the International Application which designated the U.S. claimed priority check item (e), enter the details below and make the priority claim.

EARLIEST FOREIGN APPLICATION(S), IF ANY FILED WITHIN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

COUNTRY	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED UNDER 35 USC 119
KOREA	6514/1989	16 MAY 1989	YES

ALL FOREIGN APPLICATION(S), IF ANY FILED MORE THAN 12 MONTHS
(6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

POWER OF ATTORNEY

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. (List name and registration number)

Margaret E. Anderson, Reg. No. 26,828; Walter R. Brookhart, Reg. No. 29,518; C. James Bushman, Reg. No. 24,810; Loren G. Helmreich, Reg. No. 29,389; William E. Johnson, Jr., Reg. No. 22,719; and Kenneth L. Nash, Reg. No. 34,399

() Attached as part of this declaration and power of attorney is the authorization of the above-named attorney(s) to accept and follow instructions from my representative(s).

SEND CORRESPONDENCE TO

Mr. Walter R. Brookhart
Browning Bushman, Anderson & Brookhart
5718 Westheimer, Suite 1800
Houston, TX 77057

DIRECT TELEPHONE CALLS TO: (Name and telephone number)

Mr. Walter R. Brookhart
(713) 266-5593

DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

SIGNATURE(S)

Full name of sole or first joint inventor, if any:

Inventor's signature: Steven Say-kyoun OW

Date: June 14, 1994 Country of Citizenship: U.S.A.

Residence: Daejonjikhali-shi, Korea

Post office Address: 21-142, Samboo Apartment, #407 Taepung-dong

Joong-ky, Daejonjikhali-shi, Korea

Full name of second inventor: Tae Jin, Eom

Inventor's signature: omitted inventor - completed on added page

Date: _____ Country of Citizenship: Korea Residence: _____
Daejonjikhali-shi, Korea

Post office Address: 3-608 Dongsan Apartment Galma-dong Seo-ku,

Daejonjikhali-shi, Korea

**CHECK PROPER BOX(ES) FOR ANY OF THE FOLLOWING ADDED PAGE(S) WHICH
FORM A PART OF THIS DECLARATION**

() Signature for third and subsequent joint inventors. Number of pages added ____.

() Signature by administrator(trix), executor(trix) or legal representative for deceased or incapacitated inventor. Number of pages added ____.

(x) Signature for inventor who refuses to sign or cannot be reached by person authorized under 37 CFR §1.47. Number of pages added 1.

* * *

(x) Added pages to combined declaration and power of attorney for divisional, continuation, or continuation-in-part (CIP) application.

(x) Number of pages added 2

* * *

Authorization of attorney(s) to accept and follow instructions from representative.

三 水 水

If no further pages form a part of this Declaration then end this Declaration with this page and check the following item.

() This declaration ends with this page

卷之三

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of §
§ Steven Say-Kyoun OW and Tae Jin EOM §
§ Serial No.: §
§ Filing Date: May 6, 1994 §
§ For: BIOLOGICAL DE-INKING §
§ METHOD §

Art Unit:

Examiner:

**DECLARATION OF FACTS IN SUPPORT OF FILING
ON BEHALF OF OMITTED INVENTOR UNDER 37 C.F.R. §1.47**

Commissioner of Patents & Trademarks
Washington, D.C. 20231

Sir:

This declaration is made to present the facts which are relied upon to establish the diligent effort made to secure the execution of the Declaration by the omitted inventor, Tae Jin EOM, for the above-identified patent application before deposit thereof in the United States Patent and Trademark Office.

I, Don-Sang Yie, declare as follows:

1. I, Don-Sang Yie, am a citizen of the Republic of Korea residing in Seoul, Republic of Korea.
2. I am a registered patent attorney having a place of business at New Seoul Bldg., 828-8 Yeoksam-dong, Kangham-gu, Seoul, Republic of Korea.
3. After receipt of the decision on appeal in U.S. Patent Application Serial No. 07/518,935 in April 1994, my client, Korea Research Institute of Chemical Technology,

requested that a continuing application be prepared and filed at a time to be co-pending with the '935 application.

4. Accordingly, a continuation-in-part (CIP) application was prepared and filed on May 6, 1994, before the '935 application became abandoned on May 11, 1994.

5. It was necessary to file the captioned application prior to May 11, 1994, in order to claim priority of the '935 application.

6. The last known address of Mr. EOM was 5-211, Daejayan Icha Apartment, Pa-Dong, Suseong-ku, Taegu-shi, Republic of Korea.

7. In connection with the CIP application, I have obtained the signature of one of the inventors, Steven Say-Kyoun OW, on an appropriate Declaration and Power of Attorney; I have been unable to obtain the signature of the other inventor, Tae Jin EOM, on that Declaration and Power of Attorney.

8. I attempted to reach Mr. EOM at his last known address stated above and at the Korea Research Institute of Chemical Technology, the assignee of the captioned application and Mr. EOM's employer at the time of the invention claimed therein.

9. I was informed by an employee of the Korea Research Institute of Chemical Technology that Mr. EOM had left the employment of the institute about two years ago.

10. I was informed that Mr. EOM had relocated to Taegu, Republic of Korea, where he was at Kyeongbuk University.

11. I contacted Kyeongbuk University by telephone and was informed that Mr. EOM no longer was at the University. An employee of the University informed me that Mr. EOM had left the University for a foreign research position, but was unable to provide any further information concerning the whereabouts of Mr. EOM.

12. I have been unable to ascertain the name of Mr. EOM's current employer. Nor have I been able to ascertain a current address or even a current country of residence for Mr. EOM.

I, Don-Sang Yie, hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful, false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. §1001, and that such willful, false statements may jeopardize the validity of this application or any patent resulting therefrom.

Date:

9 June 1994

Don-Sang Yie

ADDED PAGE TO COMBINED DECLARATION AND POWER OF
ATTORNEY FOR SIGNATURE BY ONE JOINT INVENTOR ON BEHALF OF
OMITTED INVENTOR(S) WHO REFUSES TO SIGN OR CANNOT BE
REACHED (37 CFR 1.47(a))

Note:

Any available joint inventor can sign the declaration on behalf of one or more joint inventors who refuse to sign or cannot be reached. Use separate added page for each omitted inventor.

I. I am an above named joint inventor and have signed this declaration on my own behalf and also sign this declaration under 37 CFR 1.47(a) on behalf of the omitted joint inventor, particulars for whom are:

Full name of (first, second, etc.) Tae Jin, Eom
omitted inventor who

 refuses to sign

X cannot be found or reached

NOTE: The name of the omitted inventor(s) should preferably also be filled in at the appropriate prior space in the declaration adding the words "omitted Inventor - completed on added page."

Republic of Korea
Country of Citizenship of omitted inventor

5-211, Daejayen Icha Apartment, Pa-dong, Suseong-ku, Taegu-shi, Republic of Korea
Last known address of omitted inventor

NOTE: Ordinarily, the last known address will be the last known residence of the omitted inventor(s). Other addresses at which the omitted inventor(s) may be reached should also be given. These can best be given in the Declaration Of Facts In Support Of Filing On Behalf Of Omitted Inventor. MPEP § 4.09.03(e).

II. Accompanying this declaration is:

- (1) A DECLARATION OF FACTS IN SUPPORT OF FILING ON BEHALF OF OMITTED INVENTOR
- (2) THE PETITION FEE OF \$130.00 (37 CFR 1.17(h))

Steven Say-Kyoun OW

(type or print name of joint inventor signing on behalf of omitted inventor)

Date: June 14, 1994

(Signature of joint inventor signing on behalf of omitted inventor)